

(a) the number of Indian villages on the Indo-Pak border;

(b) whether people of those villages have been organised by the Government to resist the penetration of the Pak-trained militants into India; and

(c) the total area in the border which has been fenced and lighted?

THE MINISTER OF STATE IN THE MINISTRY OF PARLIAMENTARY AFFAIRS AND MINISTER OF STATE IN THE MINISTRY OF HOME AFFAIRS (SHRI M.M. JACOB): (a) and (b). The information is being collected and will be laid on the table of the House.

(c) Fencing in Punjab for 356 kms and in Rajasthan for Approx. 58 kms have been completed. On Rajasthan border, fencing in 144 kms is in progress. Flood lighting has been provided in Punjab Sector for 382 kms approx. and in Rajasthan for 62 kms approx. In Rajasthan work to provide flood light is in progress on 175 kms of the border.

#### **Promotion of Non-Conventional Energy Sources**

3904. SHRI PAWAN KUMAR BANSAL: Will the Minister of POWER AND NON-

CONVENTIONAL ENERGY SOURCES be pleased to state:

(a) the details of the steps taken to promote non-Conventional sources of energy particularly in Punjab, Haryana, Himachal Pradesh and Chandigarh;

(b) the total amount of expenditure incurred thereon during the last three years; and

(c) whether the success achieved in this regard is considered satisfactory by the Government?

THE MINISTER OF STATE OF THE MINISTRY OF POWER AND NON-CONVENTIONAL ENERGY SOURCES (SHRI KALP NATH RAI): (a) Through research, demonstration and extension efforts, the Government of India, through Department of Non-Conventional Energy Sources have launched a Number of programmes such as National Programme on Biogas Development, National Programme on Improved Chulahs, Solar Thermal, Solar Photovoltaic, Wind, Mini-Micro Hydel projects etc. in order to promote non-conventional energy in general and Punjab, Haryana, Himachal Pradesh and Chandigarh in particular. The total number of devices installed as on 31.3.91 in the four regions are, however, as follows:

	<i>Punjab</i>	<i>Haryana</i>	<i>Himachal Pradesh</i>	<i>Chandigarh</i>
<i>(In numbers)</i>				
<i>Biogas</i>				
CBP/IBP	128	11	3	—
Family Size Biogas Plants	17195	20077	24490	78
<i>Biomass</i>				
Gasifiers	7	5	2	1

	<i>Punjab</i>	<i>Haryana</i>	<i>Himachal Pradesh</i>	<i>Chandigarh</i>
<i>(In numbers)</i>				
Energy Plantations	30	159	285	—
Improved Cultiva	515795	569135	360885	8498
<i>Solar Thermal Energy</i>				
Solar Cookers	4095	2600	6088	569
Domestic Water Heating Systems	82	33	19	—
Industrial Water Heating Systems	146	116	70	35
Air Heaters/Crop Dryers	1	—	—	—
Timber Kilns	2	1	2	—
Solar Stills	122	120	—	—
<i>Solar Photovoltaic</i>				
Street Lighting (No. of Villages)	1	2	160	—
Solar Pumps (Nos.)	5	8	10	—
Community Lighting Systems	43	42	9	—
Dom. Lighting Systems	—	6	214	—
Power Plants	—	20	—	—
<i>Wind Energy</i>				
Wind Pumps	77	31	12	4
Battery Chargers	—	—	2	—
Wind Frams	—	—	—	—
<i>Urjagram</i>				
Projects under Implementation	4	3	1	—

	<i>Punjab</i>	<i>Haryana</i>	<i>Himachal Pradesh</i>	<i>Chandigarh</i>
	<i>(In numbers)</i>			
Project completed	—	—	—	—
Battery Operated Vehicles	4	—	—	—

(b) As ascertained from Planning Commission, the figures are as follows:

	<i>Punjab</i>	<i>Haryana</i>	<i>Himachal Pradesh</i>	<i>Chandigarh</i>
	<i>(Rs. in lakhs)</i>			
Year				
1988-89	39.56	21.00	87.00	0.90
1989-90	46.00	40.00	95.00	2.90
	<i>(anticipated)</i>			
1990-91	71.00	42.00	90.00	3.33
	<i>(Outlay)</i>			

(c) Generally, Yes. However, steps are being taken to popularise the various programmes further.

[*Translation*]

#### Electronic Exchange in Siwan District, Bihar

3905. SHRIMATI GIRIJA DEVI: Will the Minister of COMMUNICATIONS be pleased to state:

(a) whether the Government proposed to set up new electronic exchanges in Siwan District of Bihar, particularly in Basantpur;

(b) if so, the details thereof; and

(c) the time by which these are likely to be set up?

THE DEPUTY MINISTER IN THE MINISTRY OF COMMUNICATIONS (SHRI P.V. RANGAYYA NAIDU): (a) Yes, Sir.

(b) and (c). Out of total 8 telephone exchanges including Basantpur are planned for replacement by electronic exchanges during 1991-92 and remaining three progressively during 1992-94.

#### Demolition of Temples in J&K

3906. SHRI RAMESHWAR PATI-DAR:  
SHRI SYED SHAHABUDDIN:

Will the Minister of HOME AFFAIRS be pleased to state: